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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Air Force **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b>				<b>R-1 ITEM NOMENCLATURE</b>							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 6: <i>RDT&amp;E Management Support</i>				PE 0605978F: <i>Facility Sustainment - T&amp;E Support</i>							
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	29.559	27.579	27.953	-	27.953	28.049	27.220	26.416	25.600	Continuing	Continuing
6606MR: <i>Facility Sustainment - T&amp;E Support</i>	29.559	27.579	27.953	-	27.953	28.049	27.220	26.416	25.600	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The program funding includes reductions for efficiencies that are not intended to impact program content. The efficiencies reductions total \$0.093M in FY12.

Provides resources for sustainment activities required for an inventory of Air Force Materiel Command (AFMC) T&E facilities. Facility sustainment includes regularly scheduled adjustments and inspections, preventive maintenance tasks, and emergency response and service calls for minor repairs. It also includes major repairs or replacement of facility components that are expected to occur periodically throughout the life cycle of facilities. This work includes roof replacement, refinishing of wall surfaces, repairing and replacement of heating and cooling systems, replacing tile and carpeting, and similar types of work. Other tasks associated with facilities operations (such as custodial services, grass cutting, landscaping, waste disposal, and the provision of central utilities) are not included. These sustainment funds support the following Air Force test facilities: 46th Test Group (TG) at Holloman AFB, NM, the 46th Test Wing (TW) at Eglin AFB, FL, the Arnold Engineering and Development Center (AEDC) at Arnold AFB, TN and the Air Force Flight Test Center (AFFTC) at Edwards AFB.

Budget Activity Justification: This program element is in Budget Activity 6, RDT&E Management Support, because it funds the sustainment of the institutional test infrastructure at the Air Force test activities which are included in the Department of Defense (DoD) Major Range and Test Facility Base (MRTFB).

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
Previous President's Budget	29.683	27.579	28.046	-	28.046
Current President's Budget	29.559	27.579	27.953	-	27.953
Total Adjustments	-0.124	-	-0.093	-	-0.093
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-0.124	-	-0.093	-	-0.093

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605978F: Facility Sustainment - T&E Support				PROJECT 6606MR: Facility Sustainment - T&E Support			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
6606MR: Facility Sustainment - T&E Support	29.559	27.579	27.953	-	27.953	28.049	27.220	26.416	25.600	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

The program funding includes reductions for efficiencies that are not intended to impact program content. The efficiencies reductions total \$0.093M in FY12.

Provides resources for sustainment activities required for an inventory of Air Force Materiel Command (AFMC) T&E facilities. Facility sustainment includes regularly scheduled adjustments and inspections, preventive maintenance tasks, and emergency response and service calls for minor repairs. It also includes major repairs or replacement of facility components that are expected to occur periodically throughout the life cycle of facilities. This work includes roof replacement, refinishing of wall surfaces, repairing and replacement of heating and cooling systems, replacing tile and carpeting, and similar types of work. Other tasks associated with facilities operations (such as custodial services, grass cutting, landscaping, waste disposal, and the provision of central utilities) are not included. These sustainment funds support the following Air Force test facilities: 46th Test Group (TG) at Holloman AFB, NM, the 46th Test Wing (TW) at Eglin AFB, FL, the Arnold Engineering and Development Center (AEDC) at Arnold AFB, TN and the Air Force Flight Test Center (AFFTC) at Edwards AFB.

Budget Activity Justification: This program element is in Budget Activity 6, RDT&E Management Support, because it funds the sustainment of the institutional test infrastructure at the Air Force test activities which are included in the Department of Defense (DoD) Major Range and Test Facility Base (MRTFB).

## B. Accomplishments/Planned Programs (\$ in Millions)

	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
<b>Title:</b> Facility Sustainment at the 46 TG	0.318	0.302	0.313	-	0.313
<b>Description:</b> Facility sustainment at the 46 TG.					
<b>FY 2010 Accomplishments:</b> Sustainment of test unique infrastructure located at the 46th TG located at Holloman AFB, NM.					
<b>FY 2011 Plans:</b> Sustainment of test unique infrastructure located at the 46th TG located at Holloman AFB, NM.					
<b>FY 2012 Base Plans:</b> Sustainment of test unique infrastructure located at the 46th TG located at Holloman AFB, NM.					
<b>FY 2012 OCO Plans:</b>					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 6: RDT&E Management Support	R-1 ITEM NOMENCLATURE PE 0605978F: Facility Sustainment - T&E Support	PROJECT 6606MR: Facility Sustainment - T&E Support				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Not applicable.						
<b>Title:</b> Facility Sustainment at the 46 TW <b>Description:</b> Facility sustainment at the 46 TW.  <b>FY 2010 Accomplishments:</b> Continue sustainment of test unique infrastructure at the 46th TW located at Eglin AFB, FL. FY-10 funding increase due to increased infrastructure requirements.  <b>FY 2011 Plans:</b> Continue sustainment of test unique infrastructure at the 46th TW located at Eglin AFB, FL. FY-11 funding decrease drives the reduced level of effort.  <b>FY 2012 Base Plans:</b> Continue sustainment of test unique infrastructure at the 46th TW located at Eglin AFB, FL. FY-12 funding increase due to increased infrastructure requirements.  <b>FY 2012 OCO Plans:</b> Not applicable.		0.414	0.368	0.372	-	0.372
<b>Title:</b> Facility Sustainment at AEDC <b>Description:</b> Facility sustainment at AEDC.  <b>FY 2010 Accomplishments:</b> Continue sustainment of test unique infrastructure at the AEDC located at Arnold AFB, TN and the National Full-scale Aerodynamic Complex (NFAC) located at NASA's Ames Research Center, CA.  <b>FY 2011 Plans:</b> Continue sustainment of test unique infrastructure at the AEDC located at Arnold AFB, TN and the National Full-scale Aerodynamic Complex (NFAC) located at NASA's Ames Research Center, CA.  <b>FY 2012 Base Plans:</b> Continue sustainment of test unique infrastructure at the AEDC located at Arnold AFB, TN and the National Full-scale Aerodynamic Complex (NFAC) located at NASA's Ames Research Center, CA.  <b>FY 2012 OCO Plans:</b>		27.785	25.811	26.220	-	26.220

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605978F: Facility Sustainment - T&E Support				PROJECT 6606MR: Facility Sustainment - T&E Support				
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Not applicable.												
Title: Facility Sustainment at AFFTC Description: Facility sustainment at AFFTC.  FY 2010 Accomplishments: Continue sustainment of test unique infrastructure in AFFTC Electronic Warfare, Range, and other T&E facilities located at Edwards AFB, CA.  FY 2011 Plans: continue sustainment of test unique infrastructure in AFFTC Electronic Warfare, Range, and other T&E facilities located at Edwards AFB, CA.  FY 2012 Base Plans: Continue sustainment of test unique infrastructure in AFFTC Electronic Warfare, Range, and other T&E facilities located at Edwards AFB, CA.  FY 2012 OCO Plans: Not applicable.								1.042	1.098	1.048	-	1.048
Accomplishments/Planned Programs Subtotals								29.559	27.579	27.953	-	27.953
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost	
• RDT&E AF: PE 0604256F, Threat Simulator Development	25.375	21.245	22.420	0.000	22.420	23.234	22.379	20.592	19.923	Continuing	Continuing	
• RDT&E AF (1): PE 0604759F, Major T&E Investment	63.892	61.587	62.206	0.000	62.206	60.038	49.606	46.223	53.760	Continuing	Continuing	
• RDT&E AF (2): PE 0605807F, Test and Evaluation Support	755.992	759.868	651.184	3.291	654.475	578.997	595.567	615.594	613.825	Continuing	Continuing	
	52.190	46.327	44.547	0.000	44.547	45.723	45.723	40.071	38.191	Continuing	Continuing	

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APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 6: <i>RDT&amp;E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605978F: <i>Facility Sustainment - T&amp;E Support</i>				PROJECT 6606MR: <i>Facility Sustainment - T&amp;E Support</i>			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• RDT&E AF (3): <i>PE 0605976F, Facility Restoration and Modernization - T&amp;E</i>											
D. Acquisition Strategy											
Not applicable.											
E. Performance Metrics											
Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											